

Skokie Valley Bike Path (*Laurel Avenue to IL Rte. 176*); Tunnel Construction,  
Phase III Construction Engineering: Consultant Agreement

Accounts Payable (1) cert.  
Transportation (2) cert.

STATE OF ILLINOIS )

) SS

COUNTY OF LAKE )

COUNTY BOARD, LAKE COUNTY, ILLINOIS

ADJOURNED REGULAR SEPTEMBER, A.D. 2007 SESSION

JANUARY 15, A.D. 2008

## MADAM CHAIR AND MEMBERS OF THE COUNTY BOARD:

A joint resolution authorizing the Chair of the County Board, the County Clerk, and the County Engineer to execute an agreement with TKDA Engineers, St. Paul, Minnesota, for the specialized construction engineering services regarding the placement of the tunnel to carry the Skokie Valley Bike Path beneath the Union Pacific Railroad southerly of IL Rte. 176. This resolution appropriates \$35,000.00 of County Bridge Tax funds for these engineering services designated as Section 94-00241-00-BT.

We **RECOMMEND** adoption of this Resolution.

Respectfully submitted,

*Sharon O'Kelly* Aye Nay  
Chair  
*David B. Mair* ✓  
Vice-Chair

*Michael A. Abbott* ✓  
*David B. Mair* ✓  
*Christina Douglas* ✓  
*Steven L. Schwartz* ✓

Public Works and Transportation Committee

*Sharon O'Kelly* Aye Nay  
Chair  
*David B. Mair* ✓  
Vice-Chair

*David B. Mair* ✓  
*Sharon O'Kelly* ✓

Financial and Administrative Committee

## RESOLUTION

**WHEREAS**, the right-of-way of the former Chicago, North Shore and Milwaukee Railroad currently owned by the Commonwealth Edison Company from south of IL Rte. 176 to the county line of Lake County/Cook County is being developed into a bike path named the Skokie Valley Bike Path; and

**WHEREAS**, the said Skokie Valley Bike Path has been constructed by Lake County from the county line of Lake County/Cook County to Laurel Avenue in Lake Forest; and

**WHEREAS**, Lake County proposes to have constructed that portion of said bike path from Laurel Avenue in the City of Lake Forest, extending northerly to the North Shore Bike Path at IL Rte. 176, and including a tunnel crossing beneath the Union Pacific Railroad; and

**WHEREAS**, it is advisable that a consulting engineering firm be employed to provide specialized Phase III engineering services (*Construction Engineering*) for the placement of said tunnel; and

**WHEREAS**, Lake County, by and through its Division of Transportation has selected a professional engineering services firm in accordance with the Local Government Professional Services Selection Act (*50 ILCS 510/1 et. seq.*)

**WHEREAS**, TKDA Engineers, St. Paul, Minnesota, are consulting engineers skilled in the provision of said specialized Phase III engineering services (*Construction Engineering*) for this type of a tunnel beneath a railroad.

**NOW, THEREFORE BE IT RESOLVED** by this County Board of Lake County, Illinois, that TKDA Engineers, St. Paul, Minnesota, be employed to provide said specialized

Phase III engineering services (*Construction Engineering*) for the placement of said tunnel and that the Chair of the County Board, the County Clerk, and the County Engineer of Lake County are authorized, and they are directed to execute on behalf of Lake County an agreement for consultant engineering services between Lake County and TKDA Engineers, St. Paul, Minnesota. The County Engineer shall transmit in writing the final agreement to be executed by the Chair of the Lake County Board, and the County Clerk.

**BE IT FURTHER RESOLVED** that there is hereby appropriated \$35,000.00 of County Bridge Tax funds for these engineering services designated as Section 94-00241-00-BT.

**BE IT FURTHER RESOLVED** that this agreement be administered in accordance with Chapter 605, Act 5, Section 5-205.2 of the Illinois Compiled Statutes without further Board action providing the final contract cost chargeable under the funds appropriated herein does not exceed the appropriation aforesaid.

Dated at Waukegan, Illinois  
this 15<sup>th</sup> day of January 2008

December 21, 2007

Mr. Michael J. Burke  
Lake County Division of Transportation  
600 West Winchester Road  
Libertyville, Illinois 60048



Re: Proposal for Engineering Services  
Work Window Construction Observation  
Skokie Valley Bike Path Tunnel  
Lake County, Illinois

Dear Mr. Burke:

Pursuant to communications with you, we propose to provide Engineering Services for Work Window Construction Observation for the construction phase of the Skokie Valley Bike Path Tunnel, hereinafter called the Project. Our services will be provided in the manner described in this Proposal subject to the terms and conditions set forth in the attached "General Provisions of Architect-Engineer Agreement" dated October 1993. Hereinafter, Lake County is referred to as the OWNER.

I. PROJECT DESCRIPTION

The OWNER desires Work Window Construction Observation for the construction phase of the Project. These support services include participation in OWNER, contractor, and railroad progress meetings, shop drawing review, and construction observation during the contractor work window. The construction documents require the contractor to install the precast concrete box culvert sections during a 30-hour construction work window.

II. SERVICES TO BE PROVIDED BY TKDA

Based on TKDA'S understanding of the Project, we propose to provide the following services:

A. PROJECT MANAGEMENT AND MEETINGS

1. Assist OWNER with construction contract coordination, plan interpretation, project management, and development and maintenance of correspondences.

2. Assist the OWNER in reviewing contractor bid results and contractor recommendation.
3. Attend pre-proposal meeting, pre-construction conference, and two construction progress meetings.

B. SHOP DRAWING REVIEW

1. Assist the OWNER with the review of the contractor's work window construction schedule and the contractor's suggested construction means and methods.
2. Review construction shop drawings and design calculations for temporary shoring system, ballast retainers, precast concrete box culverts, control density fill (CDF) mix design, picket hand railing, electric system, aesthetic details, and waterproofing system.

C. CONSTRUCTION OBSERVATION

1. Provide construction observation during the contractor's 30-hour work window (this will involve one person from TKDA).
2. Perform one site visit to observe construction progress on tunnel's structural elements following the 30-hour work window.
3. Perform one site visit to assist the OWNER during final walk-through.

III. ADDITIONAL SERVICES

If authorized by the OWNER, TKDA will furnish or obtain from others Additional Services of the types listed below which are not considered as basic services under this Proposal. Additional Services shall be billable on an Hourly Rate basis as defined in Article 3 of the General Provisions, and such billings shall be over and above any maximum amounts set forth in this Proposal.

- A. Attendance at meetings beyond those provided in SECTION II.
- B. Construction administration and observation assistance beyond that provided in SECTION II.
- C. Construction material testing services.

- D. Construction survey staking.
- E. Preparation of record drawings showing those changes made during the construction process, based on the marked-up prints, drawings, and other data furnished by the contractor.

#### IV. OWNER'S RESPONSIBILITIES

These responsibilities shall be as set forth in Article 8 of the General Provisions and as further described or clarified hereinbelow:

- A. Designate an individual to act as a representative with respect to the work to be performed, and such persons shall have complete authority to transmit instructions, receive information, interpret and define policies, and make decisions with respect to critical elements pertinent to the Project.
- B. Provide TKDA with access to the site as required to perform services listed in SECTION II above.
- C. Perform primary inspection surveys for the trail and tunnel work.
- D. Perform precast concrete fabrication inspection.
- E. Electrical hook-up beyond handhole, including feed cabinet and photoelectric control.
- F. Provide reviews of materials furnished by TKDA in a reasonable and prompt manner so that the Project schedule can be maintained.

#### V. PERIOD OF SERVICE

We would expect to start our services promptly upon receipt of your acceptance of this Proposal and to complete SECTION II services by the end of the fall 2008 construction season.

#### VI. COMPENSATION

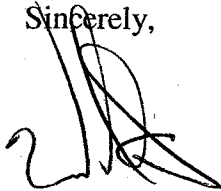
Compensation to TKDA for services provided as described in SECTION II of this Proposal shall be on an Hourly Rate basis as described in Article 3 of the attached General Provisions in an amount not to exceed \$32,000. Our 2008 Hourly Rate Schedule is attached.

TKDA has provided this fee proposal as a means to estimate the level of effort to complete SECTION II services. As experienced during the Design Phase of the Project, the level of effort required to accomplish SECTION II services can be affected by factors which are beyond our control. Therefore, if it appears at any time that charges for services rendered under SECTION II will exceed the above, we agree that we will not perform services or incur costs which will result in billings in excess of such amount until we have been advised that our work can proceed.

VII. CONTRACTUAL INTENT

We are willing that this letter and attachments constitute a contract between us upon its signature by an authorized official of the Lake County Division of Transportation, and the return of a signed copy to us. This Proposal will be open for acceptance for 60 days, unless the provisions herein are changed by us in writing prior to that time.

Sincerely,



William E. Deitner, P.E.  
CEO



Bret M. Farmer, P.E.  
Project Manager

ACCEPTED FOR LAKE COUNTY, ILLINOIS

By \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

WED:BMF:adh

ATTACHMENTS: SCHEDULE 3000-S30  
GENERAL PROVISIONS